

Stress: Not all bad, not all good, but felt by all

City dwellers who think life on the farm is free of stress need to take a closer look at their country brethren, points out Mir-celle Stratman, Oregon State University Extension human development specialist.

Concern about weather, prices, equipment failure and "plain hard work" add to irritation and fatigue that may be masked from casual visitors or bank loan officers.

Today's farmers are managing large sums of money, being affected by events in other countries and trying to keep up with the latest advances in scientific and technological developments. Farming remains a dangerous occupation with a high risk of accidents.

Stress has its good points, the specialist points out, because the body's reaction to threats provides greater strength and faster reactions which are important to human safety and survival. After the threat is over, the body returns to normal.

However, in cases of mental threats or prolonged stress, "stress energy" is not used for physical exertion. The strain on the body continues and fatigue or serious illness can result.

Among farmers, it's reasonable to suspect that the most stress comes not from the daily possibility of physical harm, but because of concern about unresolved issues and worry about whether or not they made the right choices.

Like others, farmers carry many problems with them, rather than finishing them off, Mrs. Stratman notes. A check of behavior and attitudes likely would show that concerns or "stressors" fall into categories seldom recognized or dealt with such as anger, fear and resentment. Like many, farmers go along without taking action to resolve fears, over-loan and under-loan, technological and life changes, and other uncertainties.

Some scientists investigating the problems of stress point out that it can prompt creative thinking that finds inventive ways to handle troubling situations. But when many things go wrong at once or over a long time, body defenses weaken.

Not every farmer reacts to stress in the same way. Each judges stress according to how serious the problems seem to them. Some people seem to be "stress seekers" who function best when time and pressure are most intense. Others just don't get as worked up.

The individual's belief system will determine how stressful a situation is. If a farmer thinks farming is boring and unrewarding, then each new stressor adds fresh insult to an already troublesome burden, Mrs. Stratman explains.

If the farmer finds his work challenging and rewarding, problems are more quickly resolved. They are just part of the job.

No one has "magic coping skills," the specialist emphasizes. Most people have not learned how to use or control stress to keep life on a steady course.

The misuse of stress energy is evident in the drug industry that supplies billions of drugs to keep people in low gear and vitamins to pep them up, even though no drug or vitamin has ever solved a stressful problem, she points out.

As stress multiplies, accidents are more likely to happen. When the stress cycle gets rolling, it's important to resolve as many issues as possible, control what's possible to control and forget what's not important now, the specialist advises.

A 1979 survey of Iowa farmers revealed that stress was not intense enough for most to impair their health. However, the unpredictable in their work exaggerated tendencies toward insomnia, habitual smoking, heavy drinking, irritability and restlessness, all of which interfered with judgment, job performance and family relations.

Because each farmer has a different tolerance level, effects of stress are hard to measure. However, each person seems to have a point at which excessive stress takes its toll in lower job performance and vigor. The farmers said that the amount of stress depends on how important an incident is to them, how many things are happening

at once and how long the unwanted situation continues.

They know they are stressed when they feel vague physical discomfort, have emotional outbursts, are unable to relax, experience mental confusion or have periods of anxiety and depression. Some feel tired and apathetic.

The top stressors reported by the Iowa farmers were death of a spouse or near relative, days when nothing goes right, machinery breakdown, disease outbreak, death of a valuable animal, loss of help or no help when needed, high debt load, production loss to disease or insects, poor cash flow, weather-caused delays, government regulations, uncertain crop yields and balancing work with family responsibilities.

More than 50% of the men and women in the study reported using a combination of strategies to combat stress. They leave a problem, change their attitude, resort to a hobby or recreational activity, or sleep and relax. Leaving a problem means that the situation has little significance in relation to survival.

Underlying most mental stress is a resistance to change, Mrs. Stratman believes. "Choosing a way to handle today's stressors will not take care of tomorrow's, but the blueprint for stress management can be called upon daily to meet new and different situations."

Our idea of fishing is to put all the exertion up to the fish. If they are ambitious we will catch them. If they are not, let them go about their business.

—Don Marquis, Prefaces

GELVIEH SHOW—John Cooper, Mountain View, Mo., exhibited this year's reserve grand champion Gelvieh female during the American Gelvieh Assn. Junior National Heifer Show, Fremont, Neb. The heifer originated from the Cooper Bros. & Assn. herd, Mountain View, Mo. The 1980 daughter of Barefoot won the Jan.-Feb. heifer class earlier in the day. Pictured at the halter is John Cooper, Dr. Miles McKee, Kansas State University, Manhattan, Kan., holds the awards.

Strang purchases Wagon Box herd

A major transaction in the Hereford industry was recently announced by the Thomas & Jones, Sales Management firm on the sale of Wyoming's famed Wagon Box Ranch herd of Story, Wyo., to Michael Strang Herefords, Carbondale, Colo.

The Wagon Box Ranch, perhaps better known as WBR Herefords, was for many years owned and operated by Erle Simpson. Simpson's sudden death last fall necessitated the sale of the herd in order to settle the estate. The herd was one of the strongest ground of Real Prince Domino breeding. The prominent Evan Mischief sire, Centurian, co-owned with Bayers Hereford Ranch, Twin Bridges, Mon-

tana, and a number of his sons were used in the herd quite extensively in recent years.

Several weeks ago we visited with you about the Denver "beef battle" between Safety Stores and Denver based King Soopers.

Safeway, long the advocate of Choice graded beef, is now pushing Good beef in its stores across the country. Safeway calls their Good beef "Quality" while King Soopers is merchandising its beef as "Gener-

ic."

Last night, in a Safeway store here in Denver, we overheard a butcher explaining to a once between Choice and high Good. About \$0.50 a lb., he told her. And, he said, my family can't tell the difference between high Good and Choice in the beef we eat.

We've just returned from California where we shopped in a major chain store and noted that its customers have no choice but to buy the store's own labeled beef—no decisions between Choice and Good as is the case here in Denver. So, we bought some lamb chops instead—a terrible mistake! While the chops looked great in the bin, they were so tough we'd never buy lamb chops from that store again, believe me.

Obviously, we don't think that particular chain gives a hoot about merchandising lamb. They made it available, period.

Beef, however, is a different proposition. The highest per capita consumption of beef in North America is in Southern California. There, beef is still king. While Choice beef tops at \$1.04 in the Midwest this week, the same grade sells up to \$1.17 in California.

Furthermore, so-called no-roll beef has been selling in California markets for many years. This ungraded beef, which would probably grade high Good, is about to take off across the nation. The retailer appreciates the growing consumer demand for leaner beef, but he is going to make darn sure the consumer comes back for more—he won't want to repeat our lamb chop experience in his store!

What's ahead? First of all, the retailer is way ahead of the rest of the industry. He understands how the meat chain works. Watch USDA beef grading. Remember last year when we reported the grading service in Arizona and Southern California accommodated the market by grading half as many cattle Choice as normal? In the opinion of some market watchers, the proposed grading changes have probably already taken place—a market response to consumer demand.

DICK CROW

Placements hit ten year low

USDA's recent seven state cattle-on-feed report was highlighted by the lowest placement figure in 10 years. The 72% placement figure surprised analysts who were predicting figures in the 77-89% range.

Marketings were 106% of last year, an extremely optimistic figure for the industry, analysts agreed.

"The cattle feeding industry couldn't have had better news," said Dick Hummel, analysts with Farmers Grain and Livestock. "The report is just what they needed."

The report, termed bullish by analysts, showed total cattle-on-feed in the seven largest cattle feeding states at 94% of last year, or 6.46 million head.

For a complete summary of the USDA C-O-F report, see page 3.

McMillan highlights philosophy changes

By LEE PITTS

Over 500 participants at the International Ranchers Roundup in Del Rio, Texas, listened to C.W. "Bill" McMillan, assistant secretary and agriculture, as he outlined the current administration's attitude toward the ranching community. "We in Washington are well aware the cattle business right now is sick. The cow business isn't going to get better," said McMillan, "until the economy gets better and that is the number one priority of this administration."

McMillan outlined some of the changes affecting the ranchers brought about by the new tax bill recently signed into law by Reagan. There have been major changes made in estate taxes, changes that will no longer make it necessary to sell the ranch to pay estate taxes said McMillan. Under the new law, when the first spouse dies there will be no estate taxes. Along these same lines the yearly gift allowance has been raised to \$10,000 per year. Depreciation schedules have also been changed; for example, a ranch pickup can now be depreciated over three years and some single-use buildings in five years. This speed up in depreciation, according to McMillan, will allow bigger tax savings and hopefully stimulate the economy.

Perhaps the best news that McMillan gave the ranchers was the change in attitude of the present administration. "In the past one of the great lies," said

(Continued on page 11)

wealth government. There is growing suspicion the cartons were removed and horsemeat added, sources said.

Documents then may have been falsified, according to sources close to the investigation. The Protean slaughtering plant killed only cattle and sheep, not horses, according to the officials.

Cattle Council of Australia Executive Director Andrew Robb, said some estimates put the amount of horsemeat shipped to the U.S. as high as 6000 lb.

No companies other than Protean are believed to be linked to the activity, Geo said.

Australian Meat and Livestock Corp. officials are searching computer files to try to identify all Protean shipments made in 1981.

Any Protean shipments found in Australia are being impounded, according to one official.

Australian federal police have been brought into the case to collect evidence for possible criminal charges.

Officials said the actual exporting of the meat was done through other Australian exporters, whom they declined to identify. Protean is believed to have sold its meat to several exporters licensed with the AMLC who may not have been aware that any adulteration of the meat had taken place, one source explained.

Australian authorities are hopeful their quick action in investigating the bogus beef will discourage any reprisals from the U.S.

(Continued on page 11)



WESTERN
LIVESTOCK
JOURNAL

News • Trends • Sales • Shows • Markets

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Demand for ungraded soars; registers ring with big sales

Growing consumer demand has pushed ungraded beef sales to as much as 50% of total beef volume at some U.S. grocery chains, according to supermarket and meat industry sources. Called No-Roll beef in

some stores and generic beef in others, the meat would probably be stamped Good if graded by USDA, according to Frank Strubar, vice-president of meat merchandising for Safeway Stores, Inc.

About 2 1/2 years ago, Safeway started to test ungraded beef in San Diego, Strubar said. Safeway does not sell ungraded beef in all its divisions with the exception of the Dallas and Seattle markets. The ungraded beef Safeway sells must meet certain Safeway quality specifications and is labeled as "Safeway Quality Beef," he said. The No-Roll beef is selling at the greater rate than Choice beef, Strubar said.

"Since the largest supermarket chain in the country (Safeway) that built its reputation on Choice beef is now selling ungraded beef, it says something," said

(Continued on page 11)

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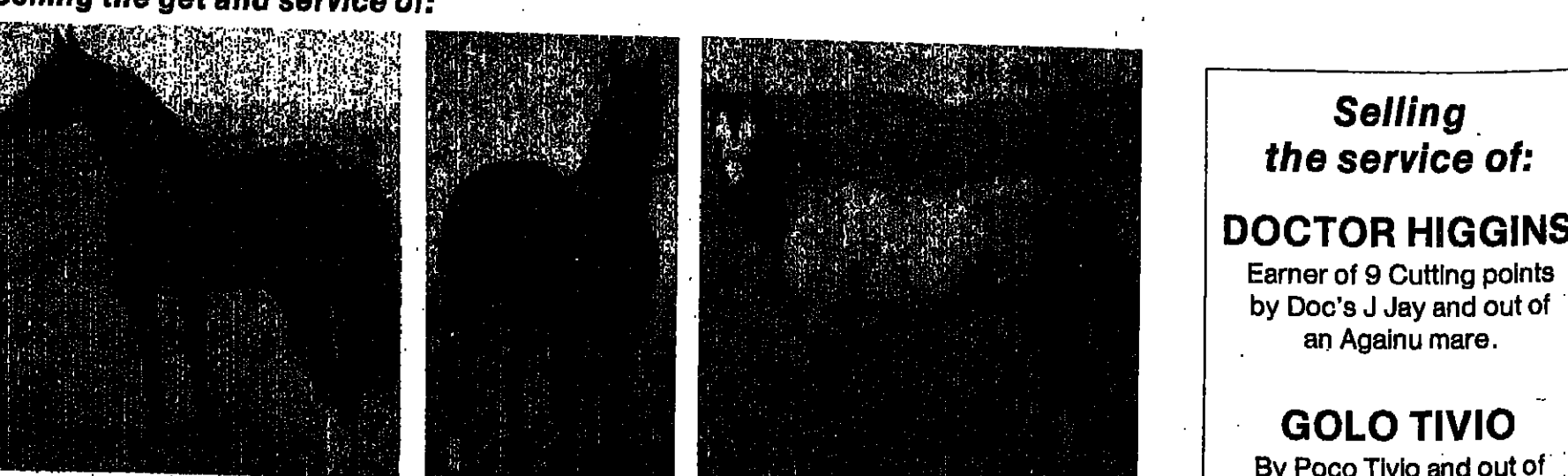
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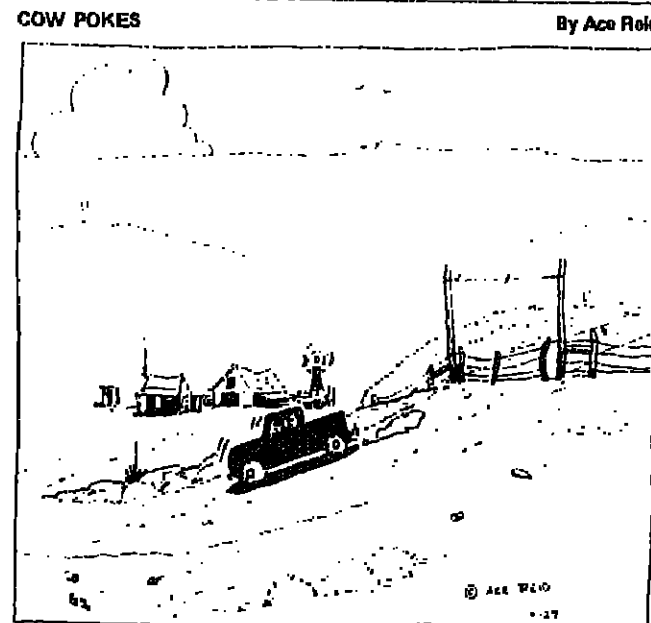
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Coming Events
Aug. 21-30—Colorado State Fair, Pueblo, Colo.
Aug. 26-28—Brahman Clinic VII, Wharton, Texas.
Aug. 27—Colorado State Fair Jr. & Open Show, Pueblo, Colo.

HORSE AUCTIONS
Aug. 30—Sibley Quarter Horse Dispersion, Bozeman, Mont.
Sept. 4—Jerry Smith Quarter Horses Near Dispersion, Colorado Springs, Colo.
Sept. 5—Stan Glover Annual Quarter Horse Sale, Colorado Springs, Colo.

CATTLE AUCTIONS
Aug. 28—Brahman "Sale of Seignior," Wharton, Texas.
Sept. 5—Ode Cumberlin Auctioneers Inc., Tealing, Cal. Midea Auction, Wharton, Texas.

Other Events
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Reagan asks for delay in export subsidy action

Two Reagan administration officials recently asked that a Senate proposal to increase the ability of the U.S. to subsidize export credit rates to be tabled, reports CNS.

The officials expressed "cautious optimism" European nations will agree with the U.S. that they need to cut the level of subsidy on interest rates used to finance their exports.

Robert Cornell, deputy assistant treasury secretary for trade and investment policy, and William Draper, president of the export-import bank, said at a Senate hearing recently the European Economic Community will try to come up with a unified position on raising interest rates used to subsidize exports before

the next meeting of the 22-nation group on export policy in October.

However, Senator John Heinz (R-PA.), and chairman of the Senate Banking subcommittee on International Finance and Monetary Policy, pushed a bill he co-sponsored that would authorize an extra \$1 billion to the Eximbank. That money would match "predatory" export credit offers of trade competitors if no agreement barring subsidy financing is reached within a year, according to Heinz.

At the hearing, he said that although the administration had objected to the subsidized interest rates. "It has been unwilling to go beyond the stage of tough talk and to take action," Cornell said he was

"skeptical" about EEC intimations that it might adopt an export credit subsidy negotiating position more to the liking of the U.S.—which opposes all such official credit subsidies. However, he said he wanted the Senate bill to be tabled until the U.S. can hear the new EEC position.

Draper said if the decision to raise export interest rates is not made at the October meeting, the international agreement controlling those rates will "lose any remaining effectiveness as an instrument of international discipline."

If no progress is made in the talks, Draper advocated the increase use long-term U.S. credit exports, forcing competitors to import more U.S. goods than they desire, risk losing the business of U.S. suppliers.



COMMERCIAL ANGUS PRODUCERS—Cornelius Ostrum and Richard Ostrum both of Fishkill, Mont., are commercial Angus producers out to see the results of the Gold Block Angus, Boyd, Mont., breeding program. (Staff photo by Ralph Heinemann)

Letters

Debate goes on

Just noticed Dick Crow's Comments editorial for July 27, on the subject of the "Beef Price War" going on between Safeway and King Soopers. Down toward the end of the article you made the comment that both chains should have offered USDA Choice and Good grades of beef rather than coming up with their own private label or some other name.

It seems to me that government grades are one of the major problems in our industry; in fact it is one of the chief reasons why live and dressed beef prices tend to settle lower rather

than higher. When USDA grades are emphasized in advertising it is very difficult for retail segments of the industry to "merchandise" their product—Beef.

In a similar vein, if the sale of stocker and feeder cattle alive were as closely tied in with a USDA grade as fed cattle are, which product was then published in marketing reports in as exacting a manner as the sale of dressed beef is, I doubt very much if the cow/calf segment would be so enthusiastic about maintaining the USDA grading system.

Frank M. Simpson, Jr.
Manager-Secretary
Calif. Cattle Feeders Assn.
Bakersfield, CA

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Lyng says acceptance assured for farm bill

Congressional acceptance of the Reagan administration's free-market farm bill proposals now is virtually assured, despite differences that still have to be ironed out with Congress, Deputy U.S. Agriculture Secretary Richard Lyng said.

Lyng said the administration was continuing meetings with dairy interests to work out differences on dairy support programs. Regarding the Soviet Union, consultations to consider further U.S. grain sales above the 8-million-ton maximum now provided for in the extended U.S.-USSR agreement will take place in late September or October. Negotiations for a new long-term agreement with the USSR may begin then also, Lyng said, but there definitely will be a

Three major areas in which Congress and the administration differ have been peanuts, sugar and dairy legislation. The ad-

ministration reportedly has softened its stance to completely dismantle the peanut allotment and quota system, and also has agreed that there may be some sugar support provision in the bill—both in exchange for Democratic support for the Reagan administration tax and budget bills.

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meeting on negotiating a new agreement before the end of the year.

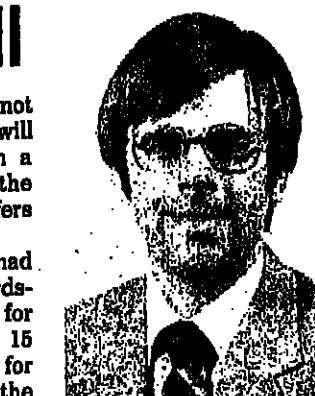
During his speech, Lyng reiterated the Reagan administration's opposition to proliferation of bilateral trade agreements. But he indicated, as government officials have previously, the Soviet Union, China and Mexico represent special cases that warrant bilateral trade pacts.

Lyng, who recently returned from China, said Chinese grain imports of about 16 million tons will probably not increase above that level for the next few years, but later added it would be a mistake for the U.S. to underestimate the potential of the Chinese market. The Chinese still want to achieve self-sufficiency and are concentrating improvement efforts on range lands and efficiency in hog production.

Although Lyng said he expected China to continue importing more wheat than coarse grains during the next few years, he noted China is very interested in using corn for both feed and refining purposes.

Lyng also reiterated the administration's program to fight proposed trade restraints in the European Economic Community, and threatened strong retaliatory action if the EEC places import levies on vegetable oils and non-grain feed ingredients. He declined to specify what those retaliatory measures would be.

Along that line, the Reagan administration remains opposed to U.S. domestic legislation now pending to implement labeling and testing restrictions on imported meat.



PROMOTED—Andrew W. Crook has been promoted to Southwest (Dallas) regional sales manager—animal products for Elanco Products Co.

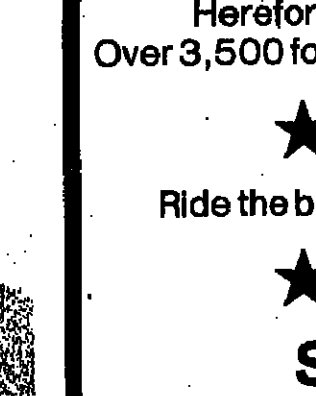
Waggoner stock goes to Cundall

In one of the breed's major private treaty transactions during 1981, the Waggoner Herefords registered herd, located at Jay Em, Wyo., was sold in its entirety along with complete ranch holdings to Cundall Herefords, Wheatland, Wyo.

Waggoner Herefords, owned and operated for a number of years by Bob Waggoner and family, was originally established by his father Joe Waggoner.

For a few years during the '70s, the firm was based in nearby Henry, Neb., with property also on the Wyoming side, then sold the Henry property some four years ago and established headquarters once again at Jay Em.

Another relatively recent move about two years ago found the herd split between Waggoner and brother-in-law Leroy Grapes, who also had been associated with the firm for many years. Both herds continued to run adjacent to one another at the Jay Em location, sharing some labor and usually selling seedstock jointly in production sales at one ranch or the other.



Obituaries
JAY B. LEWEY
Jay B. Lewey, 65, a general manager for O'Brien Cincos Cattle Co. and resident of Eagle Pass, Texas, died recently.

Lewey, a WWII veteran, moved from California to Texas where he became a member of the 68th Infantry Assn.

Lewey also held membership with the Farm Bureau and National Cattle Feeders Assn.

Lewey is survived by his wife Eleanor; two sons, Tim of El Paso and Dan of San Francisco; two daughters, Peggy Hamby of New Jersey and Rebecca Bates of Bakersfield, Calif.; one brother, Joe of Jerome, Idaho; three sisters, Deborah Walsh of Porterville, Calif., Gil Stinson of Seven Falls, Idaho, and Helga John of El Centro, Calif.

USDA issues 'bullish' report

The lowest placement figure in 10 years definitely was the highlight of USDA's most recent seven-state cattle-on-feed report, livestock analysts told CNS.

The report's 72% placement figure was lower than the analysts' 77-89% pre-report estimate range. The placement figure, the analysts said, confirmed their prediction of a bullish market in the long term.

The report showed marketings were 106% of last year, and the analysts agreed the figure was extremely optimistic for the cattle feeding industry—the kind of news needed to change the psychology of the industry. The analysts' pre-report estimated marketings were in the 94.5 to 108% range.

According to Joe Kropf, analysts for Livestock Business Advisory Services, Inc., near-term cash prices will be steady with current prices for the next four weeks. However, prices will be pressured down to about \$65, basis Texas Panhandle, in September, he said.

The July placement figure was the lowest in 10 years, Kropf said, and because placements will continue to be low, cash prices for market-ready steers will peak in January in the high \$60 range.

Seasonal increases in non-fed slaughter will fill any marketing holes expected by the industry in the mid-September and October, according to Greg Schimkat, analyst with the Victorio Co.

He said non-fed slaughter will take up the slack left by low placement numbers and cash prices will come under pressure in mid-September and in October. Cash prices will regain strength at the close of the year, Schimkat said.

Dick Hummel, analyst with Farmers Grain and Livestock, said the industry can expect, between now and December, a steer price average of \$67—Midwest and Panhandle basis—as the result of the high marketing and low placement figures.

"The cattle feeding industry couldn't have had better news. The report is just what they needed," Hummel said.

The report showed total cattle-on-feed in the seven largest cattle feeding states was 94% of last year, which was lower than the analysts' pre-report range of 96% to 98.3%.

PARK GALLATIN

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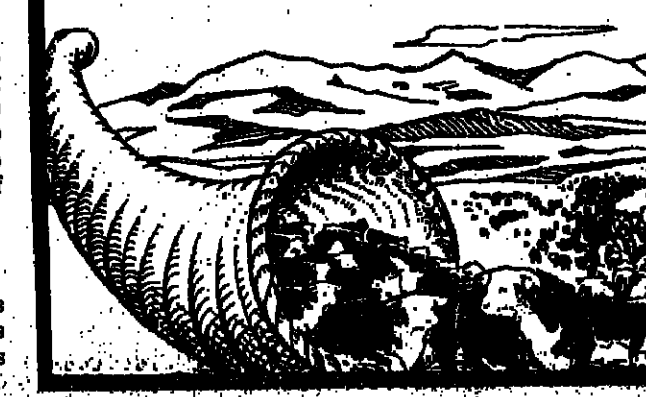
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Budget constraints prompt change in school program's procurements

Reagan administration budget constraints probably will prompt changes in the school lunch program and may change the size of serving in the average school lunch, USDA officials told CNS.

According to Marvin Eskin, head of the food branch of USDA's Food and Nutrition Services, USDA will be moving away from purchases of highly processed food products during 1982 and will focus more on raw products. He said an increased emphasis on purchases of raw products, including meat and poultry items, would allow USDA to get more food for its dollar and to remove the maximum possible amount of surplus commodities from the market with USDA surplus removal funds. The stabilization on agricultural prices through

purchases of surplus commodities is one of the foremost functions of the school lunch procurement program.

Eskin said that USDA will have about \$408 million to use in purchasing, transporting and handling commodities for school programs for fiscal year 1982, down significantly from the \$616 million allocated in fiscal 1981. However, despite the reduced funds available for fiscal 1982, USDA purchases of high protein items, such as meat and poultry, may nearly equal fiscal 1981 procurement volume. Donations of high-protein items are very popular with schools, he said.

During the 1981-82 school year, USDA probably will be buying somewhat less of about everything for dona-

tions to schools, according to Connor Kennel, chief of USDA's Poultry and Dairy Quality Division. He said substantially less processed poultry will be purchased by USDA during the upcoming school year. For instance, USDA will probably be substituting purchases of cut-up chicken for previous purchases of such items as cooked breaded chicken, and more purchases of whole turkeys instead of turkey rolls, Kennel said.

With the exception of some canned pork and beef, processed products have not figured prominently in USDA's past red meat purchases, Henry Ehler, chief procurement for USDA's Livestock, Meat and Grain Quality division told CNS. Ehler said it may not be possible to eliminate canned meats entirely from the mix of foods USDA buys

for school lunches since schools like these items because they can be stored easily.

Ehler said surplus removal funds, one of the sources of school lunch program procurement monies, have traditionally been used to finance most of the pork and beef USDA buys. He said beef and pork probably will again be eligible for these funds during 1981-82 because of somewhat depressed market for those products. However, he said USDA generally does not commit surplus-removal funds to specific commodities. These funds are sometimes reallocated as commodities unexpectedly come into surplus as the school year progresses.

Between Oct. 1, 1980, and July 1, 1981, USDA school lunch procurements

included 19.6 million lb. of breaded chicken, valued at \$16.2 million; 39.9 million lb. of cut-up chicken, valued at \$24.7 million; 2.4 million lb. of drum sticks and thighs, valued at \$1.4 million; 12.3 million lb. of turkey rolls, valued at \$14.3 million; 37 million lb. of whole turkeys, valued at \$27.1 million; 604,000 lb. of chicken patties, valued at \$678,000; 8.4 million lb. of canned boned poultry, valued at \$10.7 million; 490,000 lb. of turkey roasts, valued at \$583,000; 39.3 million lb. of frozen ground pork, valued at \$47.6 million; 11 million lb. of canned pork, valued at \$14.8 million; 43.9 million lb. of beef, valued at \$58.6 million; and 216,000 lb. of meatball stew, valued at \$217,000.

In addition to changing commodity purchase pat-

terns, USDA is considering changes in the meal standards it imposes on schools participating in the lunch program. These changes are being considered because FNS officials feel that the reduced meal subsidies schools will get in fiscal 1982 may cause some schools to drop out of the program.

An FNS task force recently recommended allowing elementary schools participating in the lunch program to serve a minimum 1.5-ounce serving of meat, poultry or meat alternative per school meal. The current required minimum serving size is 2.0 ounces. FNS reportedly is considering implementing this change soon to allow schools to adopt the cost-saving measure early on in the 1981-82 school year.

Researchers predict Western growth trends:

Range prices to fall, Denver, Salt Lake to be strip cities

It is the year 2020. The Great Basin-South Rocky Mountain sub-region contains contrasting economic, environmental and political situations.

Denver, and Salt Lake City are strip cities, running more than half the length of their respective states—and are models of city environments.

These predictions are a result of the Western Regional Studies Project at Los Alamos Scientific Laboratory made for the federal government by professors from Colorado State and New Mexico State Universities.

Dr. John McKean, CSU economics professor, and Dr. Joel Diemer, agricultural economics professor at New Mexico State University, sifted through mountains of information from a number of sources, including experts in various disciplines at their respective universities, before compiling their 14-page summary report.

The 10 inland west states studied are North Dakota, South Dakota, Montana, Idaho, Wyoming, Nevada, Utah, Colorado, Arizona and New Mexico.

That region was broken down into four sub-regions, each representing a somewhat homogeneous entity

from the standpoint of physical characteristics, economic structure, business climate, development potential and regional vs. national political trends.

The Great Basin-South Rocky Mountain sub-region is composed of Nevada, Utah, Colorado, northern Arizona and northern New Mexico.

In the opinion of McKean and Diemer, the year 2020 in this sub-region will look like this:

The large coal strip mines of southern and eastern Utah and western Colorado, have, for the most part, been shifted to alcohol production for use in the automotive and transportation sector. Giant, coal-fired, electric power generation plants, how worn out and obsolete, stand idle.

Coal and coal-derived alcohol from the area provide a major source of export revenue for the nation.

The vast regions of Nevada serve as a relatively safe place for stationing receptors for solar satellite transmission. Nevada and southern Utah have been selected for solar stations because they are located near the high population centers of California and the Desert Southwest. While many of the cities

of the Northern Rocky Mountain sub-region are now seen to be temporary, cities in the southern Rockies are continuing to build upon the economic structure begun during the fossil fuel boom period.

vistas and adequate water supplies, tend to attract industries in increasing numbers.

In Denver and Salt Lake City, which are peopled by commercial and industrial management divisions and

the Denver area contain exclusive clubs and resorts available only to the wealthiest residents. Others desiring mountain recreation must travel farther and further to find space in carefully rationed, expensive recreation areas.

Other major central business districts have developed in western Colorado and eastern Utah in the Grand Junction-Montrose-Moab complex and in the Farmington area of north-west New Mexico.

Originally spurred by fossil fuel extraction, these cities continue to grow and develop because of their good climate, continuing coal conversion operations, mining and shale development, and recreation and retirement growth.

Farther north, the site of the original fossil fuels boom in northwestern Colorado, such towns as Craig and Meeker fail to continue their earlier growth trends. A harsher climate and less attractive surroundings, in combination with a declining fossil fuel demand, limit their growth.

Ranchers, who once sold out to coal and oil interests, now find land prices falling and grazing use again attractive.

South of Denver, the heavy machinery and equipment manufacturing area around Pueblo stagnates as demand for earth-moving and coal mining and conversion equipment declines.

To the west, Nevada, which is primarily government-owned, has served as a place for land-based defense systems and experimentation—activities now precluded by population pressure from New Mexico.

Vast defense installations now lie idle, as modern technology requires sea and space defense systems.

Western Nevada cities thrive as retirement centers and recipients of the California population over-

flow. While the Great Basin-South Rocky Mountain sub-region contains diverse elements and contrasting trends, the northern New Mexico area lies in sharpest contrast.

Santa Fe, known for its cultural and religious heritage and its resistance to outside influence, continues to prosper and grow, primarily in non-industrial activities.

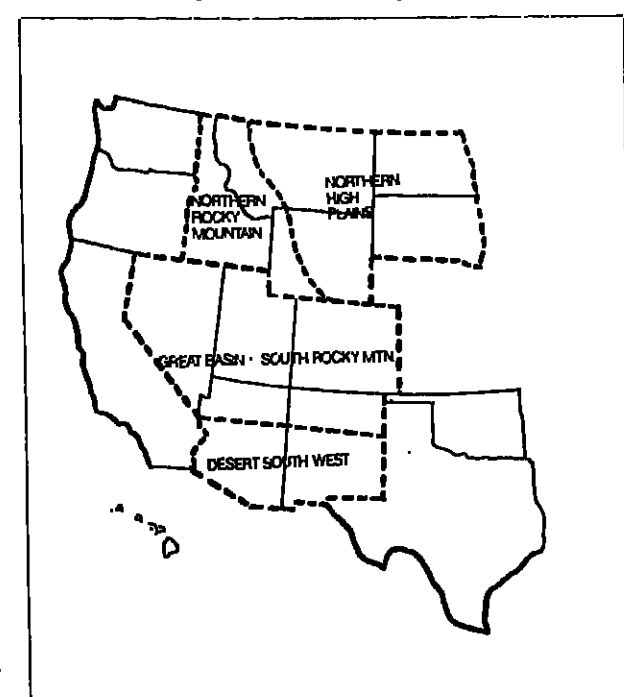
Recreation, retirement and cultural activities provide the economic base of the area. Although suffering from the beginning problems of congestion, this area strives to retain much of its original character.

Albuquerque, like Denver, has become more white collar than blue collar. But it still provides services for mining, the military and education.

Solar and geothermal energy provide adequate space heating while cooling is provided by the altitude.

This region is now experiencing one of the highest growth rates in the West.

Overall, the Great Basin-South Rocky Mountain sub-region continues to expand rapidly and is one of the three major political power centers of the West.



Although energy extraction no longer provides a large part of the economic base, abundant supplies of solar, geothermal and fossil fuels (in that order of importance), in combination with an attractive climate, nearby mountain

Auction Results

NATIONAL PAINT HORSE
Oklahoma City, Okla., July 31
48 mares \$5,857
19 stallions \$2,271
10 geldings 2,850
77 lots 4,851

Auctioneers: Harold Moltrath and Phil Schooley
Tops: Chief's Dun Good, a 1975 dun overo mare by Duke Chief; Lindby's Bonetta, Golden, Colo., to T.J. and DeDee Brown, Blanco, Texas, \$17,100. MS Jessica James, a 1979 bay overo mare by Jesse James; Jean L. Gerhard, Roswell, Wis., to Haymaker Farm, Ltd., Yukon, \$18,500. Miss Sir Lady, a 1977 sorrel overo mare by Sir Teddy Tob; Bill H. Gollie, Hegeman, N.M., to Robert Ingstad, Valley City, N.D., \$10,000. Robbie Frosty Girl, a 1979 sorrel overo mare by Mr. Robin Boy; Robert G. Batholomew, Bakersfield, Calif., to Ronald E. Hill, Richmond, Texas, \$10,000. Farmer Brown, a 1974 sorrel Tobiano stallion by Mr. Supercorn; Gies H. and/or Eve J. Yocast, Laredo, Texas, to Jed R. Imbruglio, Jr., New Orleans, La., \$9,700. Red Sonny Rev, a 1979 sorrel overo mare by Red Sonny Deer; Circle S Horses, Ltd., Longview, Texas, to Robert Ingstad, \$9,500. Edna Spring Rain, a 1975 sorrel overo mare by Dr. Don Juan; Jo Ann Mullins, Hyattsville, Md., to Robert Ingstad, \$9,400. Stormy Hancock by Stormy Hancock; Robert D. Kile, boom, Correll, S.D., to Martin and Marie Nelsbom, Correll, S.D., \$9,000. Haduck Lady, a 1975 palomino overo mare by Diamond Jim; Jack B. Strong, Longview, Texas, to Robert Ingstad, \$8,600. Two Eyed Palomina, a 1980 sorrel Tobiano mare by Mr. Peter Patch; Stampede Stable, Clovis, N.M., to Harlan E. O'Leary, El Paso, Texas, \$8,000. Far Ute Raydona, a 1977 sorrel overo mare by Far-Ute El Rey; Mike Long, Michale, Utah, to Larry or Neve Passage, Helena, Mont., \$7,700. Shear A Cover Girl, a 1979 sorrel overo mare by Annver Hank; Bill and Annette Brashers, Midkiff, Texas, to Patricia Jameson and Jerry Wuestcher, Elgin, Ill., \$7,600. The Duchess, a 1979 chestnut Tobiano mare by The Dutchman; Darrell Moon, Arnsco, Minn., to Katie Kay Stienert, Aurora, Colo., \$7,250. Angel of the Night, a 1978 black overo mare by Flash Thru Bars; R.D. and/or Beverly Blackford, Blanchard, to Ewell L. Spradlin; LaFollette, Tenn., \$7,200. Miss Leo Speck, a 1978 red sorrel overo mare by Speck Creek; Russell W. Moore, Qued, to Donald D. Vaughan, Midland, Texas, \$7,250. Jambula, a 1980 sorrel overo stallion by Jambula; Lynn

Simons and R.B. Shield, Seguin, Texas, to L. Wayne Quinn, Ridgefield, Wash., \$7,200. Cruiser Bare Nona a 1977 sorrel overo mare by Weir Nona; R.J. or F.J. Field, Edmond, to Ewell Spradlin, \$7,000. An estimated 4,500 excited Paint Horse fans jammed the air-conditioned Travel and Transportation Building on the Oklahoma State Fairgrounds, Oklahoma City, on July 31, for the 1981 APHA National sale. Scheduled as one of the highlights of the National Show and preceded by a "swinging" prole party and Western Art Show, managed by Trammel's Flying T Gallery, Azle, Texas, the sale was an unqualified success. Beginning at 7 p.m., a preview of the Western art and barbecue supper, buyers from 20 states demonstrated that Paints are a popular investment. —FRED GREEN

C.J. FRANTZ LONGHORN
Amarillo, Texas, Aug. 10
91 registered lots \$2,307
13 grade lots 1,292

Auctioneers: Eddie Wood
Tops: Diamond W201, 1970 cow by Long Home King; Baker's Salfar Ranch, Elk City, Okla., \$5,200. Frantz J Lazy JOG, 1971 cow by Senor Yates No. 8; Baker's Salfar Ranch, \$4,400. Frantz 05, 1971 cow by Senor Yates No. 8; Baker's Salfar Ranch, \$4,100. Diamond W Whars, 1976 cow by Diamond W213; Stan Searle, Walsenburg, Colo., \$4,100. Frantz 87/8, 1975 cow by 93/3; Baker's Salfar Ranch, \$4,000. Frantz 129/7, 1977 cow by El Helado; Baker's Salfar Ranch, \$4,000. Estelita, 1974 cow by Senor Yates No. 8; Anchor O Longhorns, Belvidere, Kan., \$3,800. YO Samson Carmela, 1974 cow by YO Samson 239; Frantz Longhorns, Pecos, Texas, \$3,700. Cimarrone, 1974 cow by Frantz 93/3; Darryl Davidson, Estelita, Texas, \$3,700. Ruler's Mate 33/0, 1980 heifer by CT Ruler; Chuck Johnson, King City, Calif., \$3,600. Doherty 804, 1978 cow by Sam Dallas; Stan Searle, \$3,600.

In the fast production sale for C.J. Frantz, an enthusiastic crowd of buyers went after the offered Longhorn. Frantz has been breeding Longhorns for years and has had more champions in the show ring than any other Longhorn breeder. All cattle sold were blood typed prior to the sale to insure breed purity. This proved to be a popular concept. Buy a case, including the monthly LIVESTOCK MAGAZINE FREE (to cattle producers who qualify). Please allow 4-6 weeks delivery.

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CALIFORNIA BUYERS—Mark Teasdale, manager, and John Van de Have, owner of the Holland Ranch, purchased several females for the Oroville Ranch in California at the Helen's Rich Simmental Sale in Parker, Colo. (Staff photo by Lee Pitts)

Symposium series highlight stockshow

A trio of livestock industry specialists will present a series of symposiums to highlight the Spokane National Stockshow, premiering Oct. 4-7, 1981. Kathy Storey, show chairman, announced that Dr. Julie Welkel, John Day, Oregon; David Netherton, Genetic Profiles, and Dr. Baxter Black, Denver, Colo., will appear at the stockshow on Oct. 5, 6 and 7, respectively.

Storey went on to explain that the format of the Spokane National Stockshow will be different than that of the traditional livestock show.

"In addition to show ring competition, and a commercial trade show, the Spokane National Stockshow will feature a triad of livestock symposiums," Storey said. "These symposiums are scheduled immediately following each day's judging events, enabling cattlemen to attend without missing any other activities."

The symposiums start on Monday, Oct. 5, with Dr. Julie Welkel's "Expand Your Concept of Veterinary Services." This presentation covers the need to be aware of the cost effectiveness of the cattleman's veterinary coverage.

On Tuesday, David Netherton, of Genetic Profiles, will explain their computerized linear measuring system designed to predict the genetic make up of an animal's progeny. This, including information such

FGIS accepts charts

The USDA has adopted the Iowa-Illinois high moisture calibrations for moisture measurements in corn for national use beginning Sept. 1, a USDA official told CNS recently.

Dules Malone, assistant deputy administrator of USDA's Federal Grain Inspection Service, said the FGIS will begin using the high moisture charts Sept. 1 for moisture content in corn starting at 21.08%. Meanwhile, FGIS will test 1981-crop corn samples for moisture in its laboratories to determine if the charts need to be revised at a later date, he said.

The decision to accept the charts, developed through extensive research by the Iowa-Illinois moisture meter task force, was prompted by nearly all sectors of the grain industry during a moisture meter meeting here recently. The industry officials said the FGIS must accept the charts in order to pave the way for national standardization of grain moisture measurements.

According to industry officials, steps can now be taken to standardize grain moisture testing nationwide and the Iowa-Illinois moisture calibrations can be used as the prototype for such a program. Most of the officials said they do not have a concrete plan for standardization, but now that the FGIS has adopted the high moisture calibrations a precedent has been set because FGIS charts are recognized around the world as the standard for grain moisture measurement.

Deboned meat shows U.S. export potential

Mechanically deboned meat could have a great deal of export potential, primarily because it is relatively inexpensive compared to other U.S. meat products, according to U.S. Meat Export Federation President Alan Middaugh.

However, Middaugh said mechanically deboned meat export potential would be contingent on the USDA changing the name that must be applied to that product, CNS reported.

Under current regulations mechanically deboned meat is known officially as "mechanically processed (beef, pork or veal) product."

Middaugh indicated that if the product's name were changed to something more acceptable to consumers, there would be few problems promoting the product in export markets. The federation would promote exports through retail and

import associations, sampling for consumers and trade shows, he said.

Middaugh said Egypt, Southeast Asia and Japan are the markets with the most potential, followed by Europe, the USSR and other Eastern Block countries. He said the Japan Hamburg and Hamburger Assn. cooperative has expressed interest in trying mechanically deboned meat.

However, mechanically deboned meat would probably have to gain widespread use and acceptance domestically before it caught on significantly in foreign markets, Robert Munion, a USDA foreign market development official, told CNS.

One USDA official said the biggest potential foreign markets for mechanically deboned meat would be meat-poor countries where processed meats such as sausages played a big role in meat consumption. He named Poland and Egypt as two examples of such markets.

A USDA source told CNS that a U.S. meat processor had at one point expressed tentative interest in obtaining USDA export credit guarantees to finance a possible mechanically deboned meat export sale.

Historically, USDA export guarantees have been extended mostly on sales of raw agricultural commodities, such as grain, that appeared on an eligible commodity list. However, under a relatively new policy USDA will consider granting export guarantees on virtually any agricultural commodity that would meet its market development goals, at the request of either importer or exporter.

Agriculture Secretary John Block has stated that one of his policy goals is to increase the amount of value-added products in the mix of commodities the U.S. exports. USDA recently has granted export credit guarantees on such products as pork, poultry and portion-controlled meats.

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Appeal's court strikes down state's land acquisition law

The U.S. Court of Appeals in St. Louis has struck down North Dakota laws prohibiting the U.S. Fish and Wildlife Service from acquiring habitat vital to waterfowl and other migratory birds, the Wildlife Management Institute reports.

The court ruled in favor of the Service which had charged that laws enacted by North Dakota prohibiting federal land acquisition in the state violated federal statutes protecting migratory birds. The court's decision specifies that the Service may acquire prairie pothole habitat in North Dakota, thus protecting such habitat from further agricultural development.

The Fish and Wildlife Service has purchased about 788,000 acres of prairie pothole easements in North Dakota, all bought from willing sellers. Under the leases, landowners may not drain the areas during the waterfowl breeding and nesting season.

The court ruling is an important one because it apparently would clear the way for the Service to reinstate pothole acquisition in North Dakota. Interior Secretary James Watt recently noted the importance of wetlands to wildlife and gave his support to an accelerated wetland acquisition program.

Almost half of the continent's ducks are produced in the pothole region of the U.S. and Canada. The Eighth Judicial Circuit served by the Federal Appeals Court in St. Louis includes the U.S. District Courts of Arkansas, Iowa, Minnesota, Missouri, Nebraska and the Dakotas.

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C-O-F, grain report generate optimism

NEW INDICATIONS OF CHEAPER feed grain through the remainder of 1981 and a bullish USDA seven state cattle-on-feed report are causing stockmen and feeders to reassess business decisions for the balance of the year.

A USDA crop production report issued last week projected domestic corn output at 7.735 billion bushels—above market expectations. Some grain specialists are now saying the crop could rival the record 7.939 billion bushel crop of 1979.

Even the crop report, however, took a back seat to the latest cattle-on-feed report showing a 28% drop from a year earlier in July placements.

Dressed beef prices for choice YG-3 500-700 carcasses continues to average \$104; 700-900 lb. carcasses \$105. Dressed prices have traded in the \$103-105 per cwt. range for four weeks. What's changed is that the carcass cut-out value, which improved margins for boxers has increased demand for carcasses.

With grazing conditions good to excellent in most areas and predictions of a record grain harvest this fall, new optimism in feeder cattle trade pushed prices \$2 higher.

ARIZONA GOOD TO MOSTLY choice slaughter steers \$68; mostly good \$66-67; Holsteins \$63.50-64.50. California good-choice steers \$64-66.50; good \$63-64.50. Southern desert good-choice \$68.50; good \$67.50. Choice heifers \$63-65; good-choice \$62-63; good \$61; utility-good heiferettes \$66.50. Washington-Oregon mostly choice steers \$66.50-67, guaranteed leads to \$67.75. Mostly choice heifers \$63-65, to \$66.75 with guarantees. Idaho choice steers \$66-66.50. Mostly choice heifers \$62-64.

MONTANA MOSTLY CHOICE steers \$64-66. Mostly choice heifers \$61-62. Wyoming-Nebraska, not enough sales to establish trend. Few steers on carcass basis at \$103.50 delivered. Choice heifers \$63.25-64. Kansas choice steers \$66-66.50; good-choice \$64-66.50; Holsteins \$63-65. Choice heifers \$63-64.50; mostly choice \$62.50-63.50; good-choice including heiferettes \$62-63.50. Colorado mostly choice steers \$66-67; good-choice \$66-66.50; Washington-Oregon mostly choice steers \$66.50-67, guaranteed leads to \$67.75. Mostly choice heifers \$63-65, to \$66.75 with guarantees. Idaho choice steers \$66-66.50. Mostly choice heifers \$62-64.

NEW MEXICO CHOICE STEERS \$66.25-66.75; good-choice \$65-66; good Holsteins \$62.50. Choice heifers \$63.25-64; good-choice \$63-63.50; good \$63. Texas-Oklahoma mostly choice steers \$66-67; good-choice \$66-66.50; good, including Holsteins and cullies \$61-63.50; good heifers \$64.25; mostly choice \$63-64; good-choice \$63-64; heiferettes \$60-62.

CALIFORNIA MD. FRAME #1 375 lb. \$68; 475-650 lb. \$69-61; 725-900 lb. \$69-60. Heifers 575 lb. \$63; 600-775 lb. \$63-65. Washington, Oregon, Idaho md. frame #1 steers 400-600 lb. \$62-66.75; 500-800 lb. \$60-64.50; 800-1000 lb. \$66-60.75. Montana md. frame #1 steers 600-625 lb. \$64-65; heifers 650-725 lb. \$63-67. Wyoming, Nebraska, South Dakota, md. frame #1 steers 500-725 lb. \$63-60-63-60; 800-1025 lb. \$62-20-62.80. Heifers 500-625 lb. \$58-40-69; 700-725 lb. \$60-50.

COLORADO MD. FRAME #1 steers 475-600 lb. \$69.50-70.50; 500-700 lb. \$62.55-65.70; 725-1000 lb. \$60.25-63.25. Heifers 350-500 lb. \$66.75-61.50; 525-775 lb. \$67.50-60.50; 725-850 lb. \$67-59. Texas md. frame #1 steers 400-600 lb. \$71.25-73; 400-500 lb. \$66-68.50; 500-800 lb. \$68-67; 625-725 lb. \$62-65; 800-900 lb. \$61.50-64.25. Heifers 400-500 lb. \$65.75-60.75; 500-800 lb. \$65-68.50. Midwest choice-prime 90-120 lb. woolled spring slaughter lambs \$54-66.50; 97-119 lb. \$69-10-62.20. Choice-prime 90-120 lb. shorn #1-2 pelts \$68-68.50; 98-111 lb. \$59-62.80. San Angelo, Texas, good slaughter ewes \$20-22; utility \$17-20; cull \$13-17. Midwest utility-good \$12-18.75.

SAN ANGELO CHOICE-FANCY 80-90 lb. spring feeder lambs \$52-58; 80-90 lb. \$58-57; 45-80 lb. \$50-58. Midwest choice-fancy 80-90 lb. \$60-57, few to \$63.50. Md.-good mixed sold to weak mouth stock ewes at San Angelo \$27-38 each. Choice purebred whiteface ewes and bucks sold with yearling ewes in wool; top lot \$400 each; average lot \$120-130 each; 2-3 year olds \$185-250 each. Yearling bucks in wool \$170-280 each.

SIOUX FALLS, S.D., FEEDER pigs each, US 1-2 20-30 lb. \$22-60.50; 30-40 lb. \$31.50-38; 40-50 lb. \$38-40; 60-80 lb. \$40-44; 80-70 lb. \$42-46; 70-80 lb. \$45-50. US 1-2 210-250 lb. barrow-gilts at Omaha \$52-52.75, few \$58. US 1-3 240-270 lb. \$52-52.50. US 1-3 sows 300-650 lb. \$44-75-45.50.

Cattle prices are likely to receive near-term support and long term pressure from the cheaper feed prospects, market analysts say. In the near-term, cheaper feed could cause reduced non-fed slaughter. Cheaper feed should increase feedlot demand for feeder cattle, and probably boost the spirits of cow-calf operators to keep animals on the relatively lush pastures and ranges this year. Ample overall grain supplies also would make stockmen more likely to graze-out wheat pastures.

Long-term, these cattle will come off feed at heavier weights, which could weigh on cash and futures prices during the first of the year. High interest rates will continue to make feedlots hesitant to place more cattle. Since dry-calf producers already own the cattle and have no further interest charge, attractive finishing rates could encourage many to finish their own cattle at custom lots.

CENTRAL AUCTION ROUNDUP

(Reports as quoted by markets)

PORT CITY STOCKYARDS

Seely, Texas, Aug. 13

2,058 head received: Feeder steers, md frame 1 250-300 lb. \$83-87; 300-350 lb. \$76-83; 350-400 lb. \$70-76; 400-450 lb. \$66-72; 450-500 lb. \$62-68. Lg. frame 1 500-550 lb. \$80-83.50, Md frame 2 250-300 lb. \$78-82; 300-350 lb. \$74-78; 350-400 lb. \$69-74; 400-450 lb. \$62-69; 450-500 lb. \$58-62; 500-550 lb. \$54-58. Lg. frame 2 400-450 lb. \$83-86; 450-500 lb. \$76-83. Sm. frame 2 350-450 lb. \$63-70 Feeder heifers,



High Heifer—The reserve grand champion and reserve senior champion heifer at '81 Expo in Rapid City, S.D., was L1 Dominate 0150. This 3/10/80 daughter of CH Domino 439 is owned by Ryan Carlson, Spiritwood, N.D. (Staff photo by Jay Purchase)

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ARIZONA GOOD TO MOSTLY choice slaughter steers \$68; mostly good \$66-67; Holsteins \$63.50-64.50. California good-choice steers \$64-66.50; good \$63-64.50. Southern desert good-choice \$68.50; good \$67.50. Choice heifers \$63-65; good-choice \$62-63; good \$61; utility-good heiferettes \$66.50. Washington-Oregon mostly choice steers \$66.50-67, guaranteed leads to \$67.75. Mostly choice heifers \$63-65, to \$66.75 with guarantees. Idaho choice steers \$66-66.50. Mostly choice heifers \$62-64.

MONTANA MOSTLY CHOICE steers \$64-66. Mostly choice heifers \$61-62. Wyoming-Nebraska, not enough sales to establish trend. Few steers on carcass basis at \$103.50 delivered. Choice heifers \$63.25-64. Kansas choice steers \$66-66.50; good-choice \$64-66.50; Holsteins \$63-65. Choice heifers \$63-64.50; mostly choice \$62.50-63.50; good-choice including heiferettes \$62-63.50. Colorado mostly choice steers \$66-67; good-choice \$66-66.50; Washington-Oregon mostly choice steers \$66.50-67, guaranteed leads to \$67.75. Mostly choice heifers \$63-65, to \$66.75 with guarantees. Idaho choice steers \$66-66.50. Mostly choice heifers \$62-64.

NEW MEXICO CHOICE STEERS \$66.25-66.75; good-choice \$65-66; good Holsteins \$62.50. Choice heifers \$63.25-64; good-choice \$63-63.50; good \$63. Texas-Oklahoma mostly choice steers \$66-67; good-choice \$66-66.50; good, including Holsteins and cullies \$61-63.50; good heifers \$64.25; mostly choice \$63-64; good-choice \$63-64; heiferettes \$60-62.

CALIFORNIA MD. FRAME #1 375 lb. \$68; 475-650 lb. \$69-61; 725-900 lb. \$69-60. Heifers 575 lb. \$63; 600-775 lb. \$63-65. Washington, Oregon, Idaho md. frame #1 steers 400-600 lb. \$62-66.75; 500-800 lb. \$60-64.50; 800-1000 lb. \$66-60.75. Montana md. frame #1 steers 600-625 lb. \$64-65; heifers 650-725 lb. \$63-67. Wyoming, Nebraska, South Dakota, md. frame #1 steers 500-725 lb. \$63-60-63-60; 800-1025 lb. \$62-20-62.80. Heifers 500-625 lb. \$58-40-69; 700-725 lb. \$60-50.

COLORADO MD. FRAME #1 steers 475-600 lb. \$69.50-70.50; 500-700 lb. \$62.55-65.70; 725-1000 lb. \$60.25-63.25. Heifers 350-500 lb. \$66.75-61.50; 525-775 lb. \$67.50-60.50; 725-850 lb. \$67-59. Texas md. frame #1 steers 400-600 lb. \$71.25-73; 400-500 lb. \$66-68.50; 500-800 lb. \$68-67; 625-725 lb. \$62-65; 800-900 lb. \$61.50-64.25. Heifers 400-500 lb. \$65.75-60.75; 500-800 lb. \$65-68.50. Midwest choice-prime 90-120 lb. woolled spring slaughter lambs \$54-66.50; 97-119 lb. \$69-10-62.20. Choice-prime 90-120 lb. shorn #1-2 pelts \$68-68.50; 98-111 lb. \$59-62.80. San Angelo, Texas, good slaughter ewes \$20-22; utility \$17-20; cull \$13-17. Midwest utility-good \$12-18.75.

SAN ANGELO CHOICE-FANCY 80-90 lb. spring feeder lambs \$52-58; 80-90 lb. \$58-57; 45-80 lb. \$50-58. Midwest choice-fancy 80-90 lb. \$60-57, few to \$63.50. Md.-good mixed sold to weak mouth stock ewes at San Angelo \$27-38 each. Choice purebred whiteface ewes and bucks sold with yearling ewes in wool; top lot \$400 each; average lot \$120-130 each; 2-3 year olds \$185-250 each. Yearling bucks in wool \$170-280 each.

SIOUX FALLS, S.D., FEEDER pigs each, US 1-2 20-30 lb. \$22-60.50; 30-40 lb. \$31.50-38; 40-50 lb. \$38-40; 60-80 lb. \$40-44; 80-70 lb. \$42-46; 70-80 lb. \$45-50. US 1-2 210-250 lb. barrow-gilts at Omaha \$52-52.75, few \$58. US 1-3 240-270 lb. \$52-52.50. US 1-3 sows 300-650 lb. \$44-75-45.50.

Cattle prices are likely to receive near-term support and long term pressure from the cheaper feed prospects, market analysts say. In the near-term, cheaper feed could cause reduced non-fed slaughter. Cheaper feed should increase feedlot demand for feeder cattle, and probably boost the spirits of cow-calf operators to keep animals on the relatively lush pastures and ranges this year. Ample overall grain supplies also would make stockmen more likely to graze-out wheat pastures.

Long-term, these cattle will come off feed at heavier weights, which could weigh on cash and futures prices during the first of the year. High interest rates will continue to make feedlots hesitant to place more cattle. Since dry-calf producers already own the cattle and have no further interest charge, attractive finishing rates could encourage many to finish their own cattle at custom lots.

OLIVER RICHARDSON

EMPORIA LIVESTOCK SALES CO., INC.

Emporia, Kan., Aug. 14

2,048 head received: Feeder steers, choice 260-600 lb. \$87-73; good \$83-89; common \$61-73. Good and choice 500-850 lb. \$66-74; common \$61-63; 650-850 lb. \$63-84; common \$58-60; 850-1100 lb. \$62-84; common \$58-60. Feeder heifers, choice 260-450 lb. \$58-63; good \$54-67; common \$51-52. Good and choice 450-650 lb. \$57-68; common \$54-66; 650-800 lb. \$67-68; common \$54-56. Slaughter cows, hollers \$53-56; \$42-48; comm. \$35-39; owner and culler \$38-40. Slaughter bulls, \$51-55; comm. and culler \$40-50. Replacement stocker bulls 500-700 lb. \$59-62; 700-1000 lb. \$55-57; stock cows \$46-48; pairs \$800-675.



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CALIFORNIA MD. FRAME #1 375 lb. \$68; 475-650 lb. \$69-61; 725-900 lb. \$69-60. Heifers 575 lb. \$63; 600-775 lb. \$63-65. Washington, Oregon, Idaho md. frame #1 steers 400-600 lb. \$62-66.75; 500-800 lb. \$60-64.50; 800-1000 lb. \$66-60.75. Montana md. frame #1 steers 600-625 lb. \$64-65; heifers 650-725 lb. \$63-67. Wyoming, Nebraska, South Dakota, md. frame #1 steers 500-725 lb. \$63-60-63-60; 800-1025 lb. \$62-20-62.80. Heifers 500-625 lb. \$58-40-69; 700-725 lb. \$60-50.

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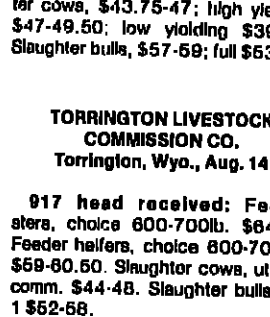
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OLIVER RICHARDSON

CLOVIS LIVESTOCK MARKET, INC.

Clovis, N.M., Aug. 12

438 head received: Feeder steers, md frame 1 312-451; 350-400 lb. \$70-76; 400-450 lb. \$66-72; 450-500 lb. \$62-68. Lg. frame 1 500-550 lb. \$80-83.50, Md frame 2 250-300 lb. \$78-82; 300-350 lb. \$74-78; 350-400 lb. \$69-74; 400-450 lb. \$62-69; 450-500 lb. \$58-62; 500-550 lb. \$54-58. Lg. frame 2 400-450 lb. \$83-86; 450-500 lb. \$76-83. Sm. frame 2 350-450 lb. \$63-70 Feeder heifers,



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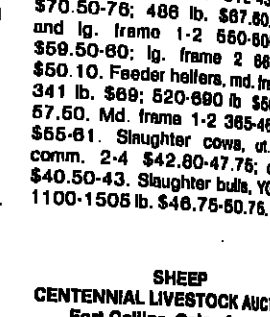
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OLIVER RICHARDSON

TORRINGTON LIVESTOCK COMMISSION CO.

Torrington, Wyo., Aug. 14

917 head received: Feeder steers, choice 600-700 lb. \$64-66; Feeder heifers, choice 600-700 lb. \$59-60. Slaughter cows, ut. and comm. \$44-48. Slaughter bulls, YG 1 \$52-58.



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PACIFIC Farms and Ranches 13

OREGON RANCHES

We have picture-perfect cattle ranches, irrigated alfalfa and grain land and good developable farm land priced from \$500,000 to \$15,000,000. Call us for details.

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PHONE: 503/882-4128

AL PIVETTI Real Estate, Inc.
Serving San Benito County for 25 years.
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Ask for Al, Bob or Tom.

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BEAUTIFUL OREGON RANCH SETTING
480 Acres near North Powder. Located on road to Anthony Lakes recreation area. Powder River through property. Feedlot, 80 acres hay, 355 acres pasture. Price: \$1,060,000. Blackfoot Real Estate, Box 280, Ontario, OR 97814. Phone: 503/887-1301; evenings, 503/889-2978.

NORTHEASTERN OREGON RANCH
230 Acres near North Powder. Located on road to Anthony Lakes recreation area. Powder River through property. Feedlot, 80 acres hay, 355 acres pasture. Price: \$1,060,000. Blackfoot Real Estate, Box 280, Ontario, OR 97814. Phone: 503/887-1301; evenings, 503/889-2978.

EASTERN OREGON PROPERTIES
125 S. Oregon St., Ontario, OR 97814
Toll Free: 800/626-8810 Ext. R758, Jim Weber, Broker; Leona Beckstead evenings, 503/889-2958

COMPACT PRODUCER
320 Acres, 285 under sprinklers. High yield alfalfa. 3 bedroom, 2 bath home overlooks alfalfa fields and river in valley below. Excellent walls, barn, irrigation equipment. Low, low power bills. \$477,000. Equipment to farm by separate negotiation.

HORSEMAN'S OR PUREBRED HEADQUARTERS
60 Acres, 47 acres flood irrigated pasture. Like new 3 bedroom, 2 bath, custom cedar home. Ready for you to finish with corals, stals, arena and additional fencing. \$159,500. Terms.

RANCH RESEARCH REALTY
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CENTRAL OREGON EMPIRE
17,000 Deeded acres 85 miles north of Bend on U.S. Highway 97. 2.5 hours from Portland. Good bunch grass, year around grazing elevation 2,650', 3,360'. About 14" precipitation. Carries 650 cows plus heifers and bulls or would make good yearling feed from November to April. Dry farm potential on 2,600 acres. Overlooks Deschutes River Valley. Upstream, mule deer, elk.

C. PATRICK BATES REALTY, INC.
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Oregon Co-Broker
Glenn Eddy—Valley Ranch Sales
John Day, Oregon

High Country Alfalfa Farm
980 Total acres, every acre is deep sandy loam soil. High production, good TDN and protein. 820 acres irrigated under 6, never pumps in front. The store is complete with all alfalfa and equipment and has a 3 bedroom apartment. The ledger shows \$200,000 plus in gross sales for 1980 with \$25,000 plus net to owners. Only \$35,000 down plus inventory and terms. \$140,000 is the total investment. Ask for our Commercial Flyer.

Have You Considered Being The Proprietor Of A Country Store?
You'll be in the heart of southern Oregon's cattle and recreation country. You'll sell groceries, sporting goods, some hardware, with new gas pumps in front. The store is complete with all alfalfa and equipment and has a 3 bedroom apartment. The ledger shows \$200,000 plus in gross sales for 1980 with \$25,000 plus net to owners. Only \$35,000 down plus inventory and terms. \$140,000 is the total investment. Ask for our Commercial Flyer.

LeQUIEU & LeQUIEU, INC., REALTORS
8408 S. 8th St., Klamath Falls, OR 97601
PHONE: 503/882-4469

PRACTICAL REALTY
Outstanding mountain valley ranch only minutes from downtown Klamath Falls. 1,326 deeded acres plus exclusive use of alfalfa, 728 acre lake for both water and pasture, 1,130 irrigated acres plus timber. Cow call or yearlings. Priced just reduced to \$1,485,000. Owner will trade for either income or investment property.

APPROPRIATION
Excellent working cattle ranch with development potential. 1,870 deeded acres with 700 acres in alfalfa, improved pasture and meadow. Approximately 300 acres to be developed. Free water, low utility costs, very good production history, new home, some timber and highway frontage. One of those rare properties that could make a truly outstanding investment. \$1,300,000.

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Ralph Cope
503/882-0147
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503/884-1867
Allen Galt
503/882-9657

PACIFIC Farms and Ranches 13

PINE TREE REALTY
PHONE: 209/784-1000
628 West Grand
Porterville, CA 93257

A PERFECT COMBINATION
1,200 Head, modern feedlot in Yakima Valley. Modern facilities with by-product feeds available.

FARMERS & INVESTORS
With up to \$28 MILLION to Invest in Farm & Investment Property Immediately. Call: Ed Peelman, collector, anytime.

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Fresno, CA 93708
PHONE: 209/486-4430

FOR SALE: 6,700 acres development property close to shopping areas and markets. One acre minimum. Applied for RM 2 zoning. Approximately 600 acres potential and approximately 32 center pivots. Extremely productive area and climate. Information: Golden Rule Farms, 898 North Main, Placerville, OR 97544. Phone: 503/447-4101 or 503/578-2273, 9 a.m. to 5 p.m.

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30,000 Plus deeded acres, 2,000 acres upland meadow rated at 2,000 animal units. Excellent improvements, mild winter country. Ranch is in one private block. Easy to operate. \$5,000,000.

EL RANCHO REALTY, INC.
1002 Blaine, Caldwell, ID 83405
Office: 208/454-8668; Dave Putnam, 459-0615; Dave Asmund, 459-4718

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4,480 Acres of which 490 acres irrigated by pivot, 866 acres dryland wheat and 3,122 acres in rangeland. High potential with low costs. Price: \$1,800,000. Terms. Other farms and ranches available.

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PHONE: 503/389-4530

OREGON RANCHES
720 Acres, m/f, 10 miles west of Prineville, on paved, river road. 187 acres alfalfa, and planted pasture. 75 acres of alfalfa at higher elevation is sprinkled with 3 1/2 mile wheel line, pumped from creek, all free water, except pump power bill.

CLAMATH COUNTRY REALTY
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Paul Bartram, Ranch and Land Sales
PHONE: 503/882-5574

CHEWAUCAN VALLEY FARM
440 Acres, located in southeastern Oregon, of good, productive farm land raising alfalfa, mini, grass seed, certified seed and feed grain. Complete line of irrigation equipment included. This farm is assigned the highest normal yield (ASCR) potential in the county. Small, 3 bedroom house. Priced at \$628,000. TERMS.

SOUTHEASTERN OREGON KLAMATH FALLS
78 Acres, irrigated, all main line, 2 1/2 mile wheel line, modern, 3 bedroom home, bunk house and numerous outbuildings for registered sheep operation or Quarter Horse ranch. \$225,000. Terms available.

WORKING COW RANCHES
Rogue River Valley, Southern Oregon
1,300 Feet elevation in the valley floor, 23 inches average rainfall.

These and Others DAIRY LORIN AND SHARON BOSCH DAIRY
60 Acres of good plow ground under irrigation, 9 stanchion Herringbone parlor, 850 ton bunker silo, 2 hay barns, 110 feeding stalls, calf barn with free stall, concrete pit with pump with special nozzle to sprinkle 300 foot circle on pastures. This dairy has earned trophy for milk quality. Nice, 3 bedroom, split level, 2 bath home, top ground pool, 2-story, older home on paved road with school bus and met by front gate, elementary and high schools and veterinary within 4 miles. Taxes and irrigation, \$4,300. Selling price, \$480,000.

STOCK COW RANCH, TIGHT FENCES
Now is the time to look, some operations are out of water. 355 acres of lush, high producing grass and clover under irrigation, the cows are fed. Excellent headquarter to supervise winter leases in the area. Good home, barn, etc. Develop irrigated pasture, from canal through property or sub-divide. \$1,020,000.

PACIFIC Farms and Ranches 13

LARGE RANCHES
California and Oregon, row crop, alfalfa, almonds, walnuts, citrus, cattle, recreation. Jack: 916/778-7878, Roseville, California.

SIERRA VALLEY RANCH
Summer pasture. 481 deeded acres in Plumas County. Will run 100 animal units for 6 months. \$625 per acre. Euer Brothers, Inc., Truckee, CA 95734. 916/887-8227.

STROMER REALTY COMPANY OF CALIFORNIA
591 Colusa Ave., Yuba City, CA 95991
PHONE: 916/871-2770
"PRICED RIGHT" Ag Properties

CLOVER RANCH
747 Acres irrigated clover ranch in southern Sacramento County. Excellent water plus potential riparian rights. Assumable F.L.B.A. loan. Capable of row crop, rice or vineyard. Asking: \$2,600,000.

EASTERN OREGON RANCH
800 Acres with 500 acres assigned water plus irrigation and 4 wheel lines, hand sets, 4 bedroom home, barn, corals, etc. \$800,000 on contract or cash out.

CLEMENTS HORSE RANCH
105 Level to rolling acres. Well located in an area of other fine ranches. Remodeled farm house, 2 mobile homes, numerous barns, paddocks, irrigated pastures, excellent fencing. Professionally landscaped. A show place for the serious breeder, priced at \$1,300,000.

LAKE COUNTY
Old Family Owned Diversified Ranch: 1,800 acres at irrigated mostly flood and free water. Cattle, hay, grain. Good equipment and buildings. \$2,385,000. Excellent terms. Broker owned.

FAVELL UTLEY CORPORATION
P.O. Box 1071, Lakeview, OR 97830
PHONE: 503/947-2181; Evenings, 847-2913, 947-4438

EASTERN OREGON RANCHES
860 Acres situated at the base of the Elkhorn Mountains. This ranch has excellent free water, good soil and is highly diversified. Presently in hay, grain, cattle, etc. \$1,100,000. Cash or terms to qualified buyer.

INTERMOUNTAIN REALTY
1406 Campbell St., Baker, OR 97814
PHONE: 503/623-4434 or 503/623-3414
Mark Seckos, Broker • Greg Seckos, Assistant Broker

NEVADA 750 UNITS
6,000 Deeded, nearly 600 sq. mi. combined summer and winter permits plus meadow make this a 750 par year around outfit. More water to develop, increase return. 80 miles to Reno. \$1,250,000, cattle at market, seller help finance.

VALLEY SHOWPLACE
Fronts Hwy. in Sacramento Valley, 4,350 acres includes 400-500 acres Class I plus 400-500 Class II & III. 1,100 acres irrigated, more to develop. Excellent residence, headquarters, corals, fencing. \$7 million.

NEVADA NEAR 385
1,800 Acres, 5 irrigation wells produce over 700 gpm rights for 700 acres irrigated, 300 alfalfa, 400 to develop. Has 1,000 head feedlot, mil. scales, hay barns, shop, homes. \$2 million.

NEAR SACRAMENTO
488 Acres, 350 irrigated pasture, underground pipeline, District surplus water, barn, corals, 3 bedroom home, 1,700,000, home. Also, 24 acres adjoining with excellent, new, 3 bedroom home, pool for additional \$200,000.

NEAR AUBURN
Horseman's dream, 33 acres flood irrigated. Large barn, indoor arena, outdoor flood lighted and sprinkled roping arena, livestock corals, scales. Lovely, older 3-4 bedroom home, many extras. 1 1/2 miles to Auburn. \$550,000, terms.

COMMUTE TO SACRAMENTO
40 irrigated acres near Lincoln. Good headquarters, many corals. Good, 3 bedroom, 2 bath home, white fence showplace for growing breeder. \$395,000, cash or terms.

PACIFIC Farms and Ranches 13

FOOT OF CASCADES
215-1,000 ACRES
Close to Albany, Oregon. Beautifully built riding arena, 40 acres of hay, 400 acres of alfalfa, 400 acres of pasture, 400 acres of timber, 400 acres of orchards, 400 acres of vineyards, 400 acres of other crops. Call: owner/agent, 714/840-7210.

INTERMOUNTAIN Farms and Ranches 13

400 HEAD RANCH in central Nevada. No winter feeding. Call: 702/423-7927 in evenings. No broker's please.

WESTERN FARMS/RANCHES
Row crop 300 to 3,000 acres. Cows ranches 100 to 4,500 head. New free brochures, licensed in Idaho, Montana, Nevada, Oregon, Utah and Washington.

ROBINSON REALTY, INC.
Bill Knipe/Don Withers
P.O. Box 988
Boise, ID 83702

CATTLE RANCH NEAR RENO
37 miles RENO. 7,000 plus or minus DEEDED ACRES plus great grazing, 1,000 COWS year around, 3,000 plus or minus acres FARMLAND on highway, 4,000 plus or minus MOUNTAIN MEADOWS, pine trees and STREAMS. SHOW-PLACE RANCH FOR CATTLE, HORSES and FARMING WON-DERFUL IMPROVEMENTS. EXCELLENT TAX advantages. Price: \$3,750,000, including EQUIPMENT and MINERAL RIGHTS. (Low interest terms).

BOISE VALLEY RANCH
640 Acres of pasture and cropland. All flood irrigated with FREE WATER. Owner runs a cow/calf and feedlot operation. 2 large homes: beautiful, 4 bedroom, modern, ranch style home and 1, older, 5 bedroom home, 5,000 sq. ft. steel building, office, concrete pit silo, cattle scales, 2,000 head feedlot. \$1,500,000, exchange considered.

NEED IMMEDIATELY
200 To 400 AU ranch. Must have some irrigated cropland. Will buy "net" to seller. Buyer has cash.

JOHNSON & SMITH, REALTORS
Brokers
Don M. Johnson • Don R. Johnson
P.O. Box 542, Nampa, ID 83651
PHONE: 208/467-4466; 468-8491; 888-7018
Floyd R. Johnson, Broker
355 Gentry Way, Suite C, Reno, NV 89502
PHONE: 702/825-7126; 482-8238

IN COUNCIL VALLEY, IDAHO
450 Acre cow ranch with 2 sets of newer improvements in secluded, aesthetic setting on Walker River near Council. Approximately 10 acres bottom land, balance in dryland hay and pasture, fences good. Reduced to \$225,000. Terms.

240 ACRE ALFALFA & GRAIN FARM
With good improvements in Cambridge, Idaho area. Approximately 220 acres irrigated with sprinklers. \$365,000. Terms or exchange possible.

NEAR NEW PLYMOUTH, IDAHO
Good, 500 acre irrigated ranch, nice home, full basement, corals, feedlot, etc. Now in hay and pasture, could be row cropped. Presently operated as cattle and registered horse ranch. \$177,500. Terms.

480 ACRE RANCH
In Indian Valley, Idaho on Little Walker River. 40 acres irrigated bottom land, 70 acres dryland alfalfa, more land could be developed. Large, older, remodeled home, 2 large barns in picturesque river location. \$325,000. Terms available.

388 ACRES IRRIGATED RANCH
Near New Meadows, Idaho. Includes 3 homes, several outbuildings, 140 acres of alfalfa, 1,000 acres of dryland alfalfa, more land could be developed. Large, older, remodeled home, 2 large barns in picturesque river location. \$325,000. Terms available.

MULLER AGENCY, INC.
Box 7, Council, ID 83612
PHONE: 208/253-4264
Evenings and Weekends, Bill Criss, 208/253-6090

NEVADA
22,000 DEEDED ACRES. Over 650,000 acres BLM, 32,180 AUM's. Good water, 2 large dams. All rights on 6 creeks PLUS. Large irrigation wells pumping from 1,600 GPM to 3,600 GPM. Low pumping cost with Harney Electric.

FEEDLOT—ALFALFA & GRAIN
840 ACRES: 700 acres laser leveled and in alfalfa and grain. Flood irrigation: Low, low cost. 15,000 Head capacity feedlot with mil (Both in good repair). Excellent feeding conditions. Prime location. Priced at \$2,250,000 with terms to qualified buyer.

INTERMOUNTAIN Farms and Ranches 13

800 Acre ranch. Potatoes, grain, hay, livestock, complete line of machinery and irrigation system with wheel lines, hand lines and center line. Present crops go with sale. 250 acres alfalfa and 500 acres malt barley. 2 houses, 4 trailer homes, granaries, and more, modern shop. Located 40 miles south-west of Salmon, Idaho. Contact: Frontier Realty North, Box 929, Salmon, ID 83467. 208/758-3160.

FOR SALE: Idaho Cattle Giant. Carry 1,500 animal units, 9,950 deeded acres, 22,000 BLM and forest private allotment. 1,800 acres irrigated. Extensive depreciable assets, including 19 stall, indoor arena barn, 900 head feedlot and 5,000 sq. ft. lodge.

NEARLY ALL DEEDED
1,300 Head cow outfit, four, good homes, corals, two, 30,000 bushel granaries with blowers. Also a great improvement potential for combination crop and livestock possibilities \$2,125,000 total price \$500,000 down. Assume large loans, owner will carry his part at 9%. Brochure available.

LeMoine Realty
1418 Blue Lakes Blvd
Twin Falls, ID 83401
PHONE: 208/733-0874

2,600 ACRES
2,200 irrigated. Beans, potatoes, beans, grain and hay. Nice, 6 bedroom home. Shiner River water. Low bill. Good combination farm.

320 irrigated with wheel lines.
New home, shop and granary. Good soil.

100 Acre dairy, Double Herringbone
will milk 400 plus cows. A REAL BARGAIN

480 Acres, 300 plus gravity irrigated Snake River water.
Remodeled, 3 bedroom home. Terms by owner. \$1,570 per acre

306 ACRES, approximately 280 irrigated.
New home, shop and granary. We have others. HOPPER REAL ESTATE, Murkin, Idaho, Idaho, 816 Scott, 208/687-8471, days; 208/687-5034, evenings.

MONTANA RANCHES
Deer Lodge Valley, Phillipsburg, Dillon areas, ranches or farms, both flood and sprinkler irrigated. Turn-key operations, highly productive with good water. Galt Jim, Broker, SHAW AGENCY, 400 Missouri Ave., Deer Lodge, MT 59722. 408/848-920 or 848-3002, evenings. Owner financing, terms negotiable.

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WHEAT RIDGE, COLORADO 80033
(303) 426-3800

COW CREEK RANCH
4,577 Acres in one block. Bordering Highway 12, seven miles west of Joliet. Cow Creek and Rye Grass Creek runs full length of ranch with 1 1/2 miles of Yellowstone River frontage. Open water the year around. Lots of shelter. Enough saw timber to keep a saw mill busy. 600 acres of hay and farm ground. 2 sets of buildings. Excellent location 40 miles from Billings market.

Owner Financing at 8% annual INTEREST RATE.
Priced to sell at \$300 per acre. First time offered for sale.

Call For Information or Viewing
PHONE: 408/882-3295
408/862-3717
Evenings
Gale Schwank, Broker

WESTERN LIVESTOCK JOURNAL August 24, 1991

MOUNTAIN Farms and Ranches 13

NEVADA MINI RANCH
50 acres. Water rights, fenced, brush cross-fenced, 40 acres under permanent pasture, 3 bedroom home. \$183,500. Terms. Nevada West Realty, Inc., 32 N. Main, Yerington, NV 89447. 702/453-3271.

"WANTED PIONEER"
Load up your wagon and hitch your team to 272 acres of level, northern Nevada land ideal for hay production with three 12 inch commercial wells for irrigation plus domestic wells. Approximately 180 acres about ready to seed. Call or write today, we list at \$99,500 with \$20,000 down. Gun Investment Service, Inc., 715 Redwood Place, Reno, NV 89502. 702/329-4030.

CLASSIFIED WORD ADS—55 cents per word per insertion with a 10% discount when ordered for three insertions or 15% if ordered for six insertions.

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16 ACRES: Older rock home with dryland, would make good dairy site.
Jim: 208/438-9241

28 ACRES: Remodeled brick home with complete horse set-up.
Could split home, horse set-up and 7 acres or 21 acres row crop with full water.

60 ACRES: Large home, machine shed, shop, loafing shed, mil concrete ditches, full water.
Jim: 208/432-5240

880 ACRES: Virgin ground
Jim: 208/432-5240

WE HAVE ACCESS TO LARGE AND SMALL FARMS AND RANCHES IN THE GREAT NORTHWEST.
BLUE LAKES REALTY BROKER—STAN V. HAYE
733-1339
P.O. Box 1785 Twin Falls, ID 83401

NORTHERN NEVADA CATTLE RANCH
Approximately 7,720 deeded acres, 1,735 irrigated by creek through part of the ranch. FREE WATER. Private BLM and forest permit for 2,000 AU's. Permit runs free land. No trucking. Excellent range. Good winter range on deeded land. This low cost operating ranch was established in 1884. \$2,125,000. 20% down and seller financing.

BOISE VALLEY RANCH
640 Acres of pasture and cropland. All flood irrigated with FREE WATER. Owner runs a cow/calf and feedlot operation. 2 large homes: beautiful, 4 bedroom, modern, ranch style home and 1, older, 5 bedroom home, 5,000 sq. ft. steel building, office, concrete pit silo, cattle scales, 2,000 head feedlot. \$1,500,000, exchange considered.

NEED IMMEDIATELY
200 To 400 AU ranch. Must have some irrigated cropland. Will buy "net" to seller. Buyer has cash.

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Good, 500 acre irrigated ranch, nice home, full basement, corals, feedlot, etc. Now in hay and pasture, could be row cropped. Presently operated as cattle and registered horse ranch. \$177,500. Terms.

WE SPECIALIZE IN COLORADO RANCHES

Arrive
2,080 Acre farm, 1,000 acres irrigated, 880 acres possible dryland crops, 200 acres grassland, plus 1 section state land, near Arriba, Colorado. 7 circles, good water, 3 bedroom home. Various outbuildings and corals. \$1,884,000.

Becker
700 Acres deeded, 640 acres state lease, 110 acres irrigated, 12 miles northeast of Kiowa, Colorado. Produces 300 to 325 ton of hay. No improvements. 1 mile of West Bijou Creek.

Bracker
2,500 Acre ranch, 2,000 acres irrigated, 5 miles east of Walden, Colorado. Plus 1,300 acre BLM lease. Owner says ranch will run 700 cows priced at \$1,250,000.

Elbert County
4,700 Acre ranch, approximately 1,500 acres timberland, located 11 miles northeast of Kiowa, Colorado, just 1 hour and 15 minutes from Denver. Great development potential.

Other ranches and farms for sale with hunting and fishing. 40 acres up.

FOR FURTHER INFORMATION ON THESE AND OTHER RANCHES, CONTACT:

ORLAND COMPANY
445 HARBIN STREET
WHEAT RIDGE, COLORADO 80033
(303) 426-3800

RANCHES FARMS

Create Interest ADVERTISE

ROCK CREEK REALTY
2 So Main, Joliet, Mo
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For Ranches

COW CREEK RANCH
4,577 Acres in one block. Bordering Highway 12, seven miles west of Joliet. Cow Creek and Rye Grass Creek runs full length of ranch with 1 1/2 miles of Yellowstone River frontage. Open water the year around. Lots of shelter. Enough saw timber to keep a saw mill busy. 600 acres of hay and farm ground. 2 sets of buildings. Excellent location 40 miles from Billings market.

Owner Financing at 8% annual INTEREST RATE. Priced to sell at \$300 per acre. First time offered for sale.

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PLAINS
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FOR SALE: 480 acre ranch 1/2 mile from Vallant, Oklahoma. House, barn and other improvements. \$420 per acre. Sonny Victor, Box 721, Vallant, OK 74764. 405/933-4816.

Classified Advertising

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1,150 Acres with 600 tillable, 2 new homes plus numerous improvements, interstate highway frontage, excellent financing.

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NORTHWEST KANSAS
WHEAT/CATTLE RANCH
PLUS OIL LEASE

Excellent improvements, barns, fences, machine sheds, bunkhouses, owners home, grain storage, 10 wells, spring on 2,600 acres for \$1,200,000. Financing by owner. Charles Dayle, Charles A. Ranch, Benton, NE 68821. 916/542-5572.

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MACON, MISSOURI
1,840 Acres, mt. all tillable bottom, 2 homes, 2 machine sheds, 1000 of grain storage, hog refinement floors, farrowing house and nursery. This is one of Missouri's nicest farms.

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FOR SALE: Northwest Arkansas 127 acre broiler and cattle showplace, 2 wells, spring fed pond, 24,000 capacity broilers, 4 bedroom home, all improvements in excellent condition. Call: 501/738-6635.

HAWAII
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1,000 ACRES HAWAII
With 1 mile beach frontage. Sale or lease for ranch or investment property.

Call: Ed Peelman, Collect
PEELMAN REALTY
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Fresno, CA 93706
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PLAINS
Farms and Ranches 13

SOUTHERN MISSOURI stock ranches. We have several from 50 to 400 head ranches, also smaller ones. Morrill Real Estate, P.O. Box 246, Ave. MO 65008. Call: 417/682-4536; Bill Morrill, 417/683-5695; Pete Mooney, 417/624-8583.

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140 ACRES: Creek bottom ranch. \$100,000.
830 ACRES: \$650 per acre, good financing.
340 ACRES: Prime development \$555,000.
CALL: MORRIS GRAVES
Twin Island Realty
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PHONE: 800/841-4124 or 417/334-5100

280 ACRES: No buildings, all in grass and row crop.
300 ACRES: Approximately 200 acres tillable, balance in timber.
400 ACRES: Combination grass and grain, well fenced, fair horse.
320 ACRES: Shelby County, grass and row crop, nice, older home, good outbuildings.
120 ACRES: Nice, almost new home, 4 bedrooms, walkout basement, new machine shed, new cattle shed, 3 ponds, extra nice farm.

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Owner financed, 820 acre farm. Excellent for a dairy farm. Over 15,000 gpm well water from 76 foot static level.

For information, call:
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ARIZONA 500 COW RANCH
• Northeastern Arizona
• Rolling grasslands
• Approximately 44,000 acres state and private lease
• 650 Acres deeded
• Attractive headquarters with excellent improvements
• Telephone/electricity
• \$1,100,000 includes livestock and equipment.
Good terms. Owner anxious.

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20 W. Olive, Suite 112, Gilbert, AZ 85234
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SOUTHWEST
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ARIZONA RANCH 728 HEAD
Scenic mountain ranch, beautiful headquarters improvements, with main home, fireman house, labor house, barns, corrals and arroyos, pool with continuous flowing water. Excellent range improvements 32 developed springs, creek through ranch. Top quality, crossbred cattle. Over \$1 million depreciables. \$1,200,000 including livestock and equipment. Owner financing available.

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Good terms. Owner anxious.

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SOUTHWEST
Farms and Ranches 13

ARIZONA 500 COW RANCH
• Northeastern Arizona
• Rolling grasslands
• Approximately 44,000 acres state and private lease
• 650 Acres deeded
• Attractive headquarters with excellent improvements
• Telephone/electricity
• \$1,100,000 includes livestock and equipment.
Good terms. Owner anxious.

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SOUTHWEST
Farms and Ranches 13

ARIZONA RANCH 728 HEAD
Scenic mountain ranch, beautiful headquarters improvements, with main home, fireman house, labor house, barns, corrals and arroyos, pool with continuous flowing water. Excellent range improvements 32 developed springs, creek through ranch. Top quality, crossbred cattle. Over \$1 million depreciables. \$1,200,000 including livestock and equipment. Owner financing available.

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RANCHES
For RENT or LEASE 14

FOR RENT
In Baker, Oregon
1,180 acres and 800 acre wheat, hay and barley ranches
3 houses including, wheel line irrigation. May be rented separately.
PHONE: 503/983-8883

HAY, FEED, SEED
3,000
1,900 to 2,000 lb. round bales coastal Bermuda hay. 8 to 12% tested protein \$50 per ton. FOB Henderson, Texas. Delivery and abate.
PHONE: 817/335-4281 or 824-7523

BUSINESS
INVESTMENTS 19

REAL PROPERTY & BUSINESS FOR SALE
Rancher and horseman's supply business. Feed, tack, farm machinery, leather repair. Located in northwestern Wyoming. \$450,000. Includes building, land and inventory. Contact: E.A. Yellowstone Agency, P.O. Box 2280, Cody, WY 82414.

INCOME MAKER
Internationally acclaimed, computerized, dairy farm, bottling, whole sale-retail distribution plant. 150 acres, 2 plus miles riverfront, private lake, 270 head, \$14 million annual income. Snohomish County, Washington State. Owner contract terms \$4,250,000. NORTH SOUND PROPERTIES, 20883-2549, Marysville, WA 98270.

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To own and operate a 750 head commercial cow operation. 30,000 deeded acres \$11,500 per acre. net unit. \$4,500 down, \$7,000 financed.

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Uvalde, TX 78801
PHONE: 512/278-4217

MACHINERY
and SUPPLIES 20

FARROWING STALLS: All steel, \$142.95. Includes feeder-waterer, top rail, ramp rail. Weights 204". Free literature. Starr National, 130 Main Street, Worcester, MA 02109. Call: 617/853-3446.

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TRAVELING GUN
IRRIGATION SYSTEM
Marlow Pump 4E15 with 6 cylinder industrial engine. Auxiliary propane tank. Rainbow 4 inch drag hose. Rain-bow which unit with Nelson 1500 gun. 1,200 feet runway 8 inch pipe. All on and own trailers. \$15,000. Fort Collins, Colorado. 303/698-7332; answering service, 303/221-1588.

MACHINERY and SUPPLIES
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TWO, 1973 JD 7700 combines. Good selection Rice and Corn. 1,200 feet runway 8 inch pipe. All on and own trailers. \$15,000. Fort Collins, Colorado. 303/698-7332; answering service, 303/221-1588.

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McMillan highlights
philosophy changes

(Continued from page 1)

McMillan, "was I'm from the government and I'm here to help you." McMillan said this administration would put less emphasis on regulation and more in the areas where government really can aid the rancher.

McMillan cited the cooperative program between this country and Mexico in eradicating the screwworm as typical of the type of program that government should be involved in. "The government can be involved in some good things you know, like the program to control African Swine Fever and hoof and mouth disease. Right now there is a big problem of semen smuggling from Brazil and we are real lucky in that an epidemic has not resulted from the use of infected semen," McMillan said the current administration wants to work with the ranchers in areas such as this. But as for the market place, he said, let beef seek its own level.

International Ranchers Roundup featured a host of speakers. Despite the Air

He who knows little must often repeat it.

MACHINERY and SUPPLIES 20